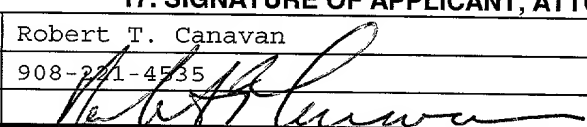
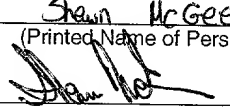


05-02-01

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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No.	2000-0296D	Total Pages	
See MPEP chapter 600 concerning utility patent application contents.		First Named Inventor or Application Identifier			
		Samuel S. Hii			
Express Mail Label No.		EL580484462US			
APPLICATION ELEMENTS		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)		5. <input type="checkbox"/> Microfiche Computer Program (Appendix)			
2. <input checked="" type="checkbox"/> Specification [Total Pages 26] (preferred arrangement set forth below)		6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
- Descriptive title of invention		a. <input type="checkbox"/> Computer Readable Copy			
- Cross References to Related Applications		b. <input type="checkbox"/> Paper Copy (identical to computer copy)			
- Statement Regarding Fed sponsored R&D		c. <input type="checkbox"/> Statement verifying identity of above copies			
- Reference to Microfiche Appendix					
- Background of the Invention					
- Brief Summary of the Invention					
- Brief Description of the Drawings (if filed)					
- Detailed Description					
- Claim(s)					
- Abstract of the Disclosure					
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 7]		7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))			
4. Oath or Declaration [Total Pages ]		8. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney			
a. <input type="checkbox"/> Newly executed (original or copy)		9. <input type="checkbox"/> English Translation Document (if applicable)			
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 15 completed) [Note Box 15 below]		10. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 3 Citations			
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)		11. <input type="checkbox"/> Preliminary Amendment			
		12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
		13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)			
		14. <input type="checkbox"/> Other :			
15. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No: Prior application information: Examiner: Group/Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
16. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or <input checked="" type="checkbox"/> Correspondence address below					
NAME	Samuel H. Dworetzky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America			FAX	732-368-6932
17. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED					
NAME	Robert T. Canavan			Reg. #	37592
TELEPHONE	908-221-4535				
SIGNATURE				DATE	05/01/01
"Express Mail" Mailing Label Number EL580484462US Date of Deposit					
I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington D.C., 20231					
Shawn McGee (Printed Name of Person Mailing Paper)					
 (Signature of Person Mailing Paper)					

<b>100 U.S. PATENT TRANSMITTAL</b> <small>Patent Fees are subject to annual revision.</small>		<b>Complete if Known</b>	
<b>AMOUNT OF PAYMENT</b> \$1,212		<b>Application Number</b> <b>Filing Date</b> <b>First Named Inventor</b> Samuel S. Hii <b>Examiner Name</b> <b>Group/Art Unit</b> <b>Attorney Docket No.</b> 2000-0296D	

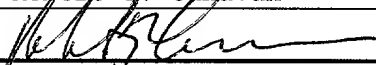
  

<b>METHOD OF PAYMENT (check one)</b>  1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  Deposit Account Number 01-2745 Deposit Account Name AT&T CORP.  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance	<b>FEE CALCULATION (continued)</b>  <b>3. ADDITIONAL FEES</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee(\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112*</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113*</td><td>1840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1390</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1890</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1240</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1240</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>Design issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>Filing a submission after final rejection(37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify)</td><td></td></tr> <tr><td colspan="3">Other fee (specify)</td><td></td></tr> </tbody> </table>	Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath		127	50	Surcharge - late provisional filing fee or cover sheet		139	130	Non-English specification		147	2520	For filing a request for reexamination		112*	920	Requesting publication of SIR prior to Examiner action		113*	1840	Requesting publication of SIR after Examiner action		115	110	Extension for reply within first month		116	390	Extension for reply within second month		117	890	Extension for reply within third month		118	1390	Extension for reply within fourth month		128	1890	Extension for reply within fifth month		119	310	Notice of Appeal		120	310	Filing a brief in support of an appeal		121	270	Request for oral hearing		138	1510	Petition to institute a public use proceeding		140	110	Petition to revive - unavoidable		141	1240	Petition to revive - unintentional		142	1240	Utility issue fee (or reissue)		143	440	Design issue fee		122	130	Petitions to the Commissioner		123	50	Petitions related to provisional applications		126	240	Submission of Information Disclosure Statement		581	40	Recording each patent assignment per property (times number of properties)		146	710	Filing a submission after final rejection(37 CFR 1.129(a))		149	710	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify)				Other fee (specify)			
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<b>2. CLAIMS</b> <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Filing Under 37CFR 1.53 (b)  <input type="checkbox"/> CPA Under 37CFR 1.53 (d)  <input type="checkbox"/> Amendment         </div> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>39 - 20 = 19</td> <td>18</td> <td>342</td> </tr> <tr> <td>Ind.</td> <td>5 - 3 = 2</td> <td>80</td> <td>160</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims</td> <td></td> <td>0</td> </tr> </tbody> </table>				Extra Claims		Fee from below	Fee Paid	Total	39 - 20 = 19	18	342	Ind.	5 - 3 = 2	80	160	Multiple Dependent Claims			0								
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name Robert T. Canavan  Signature 		Reg. Number 37592  Date 05/11/01	
Deposit Account User ID		Date	

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231